To the FCC
I have just recently been informed about the possible use of electrical power lines to carry broad band data signals.
I am both an amateur radio operator and computer operator but, I really feel that the use of power lines to carry
these broad band signals is a very serious error. This would create interference to the hf spectrum that would
make amateur radio and other services on these bands all most unusable. Power lines act as huge antennas
when rf is put on them and they would carry and radiate signals that would seriously interfere with radio
communications of several services including Amateur Radio, a resource that in times of emergencies is often
needed and relied on. With all the other means of transmitting broad band signals please...
consider something more state of the art and shielded from rf signals that would radiate out causing interference
and would be much less prone to be affected by rf that could from many sources get into open power lines. Just
to list a few types of signals that could and in all likely hood would affect this mode would be CB Radio, Amateur
Radio, FRS, High Current draw devices like wielders, some other types of mobile radios, Traffic and Signal devices,
just to name a few. It really doesn't take a lot of research to realize that BPL is really not a good idea at this time.
Due to the complexities of digital data, I feel it would work much better shielded from interference and other means
of communications will be better off without it being radiated from the vast number of power lines in this country.
Thank You
Mark G. Hansen
Amateur radio call sign
KA2FBZ